



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Gunning et al. )  
Serial No.: 10/531,086 ) Attorney Docket:  
Filed: June 21, 2005 ) 8617/94090  
For: STEREOSPECIFIC REDUCTION OF )  
SAPOGEN-3-ONES ) Art Group:  
Examiner: Not Yet Assigned ) 1624  
 ) Confirmation No.:  
 ) 9264

INFORMATION DISCLOSURE STATEMENT

Mail Stop DD  
Commissioner For Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Pursuant to 37 C.F.R. §1.97, a list of documents that may be material to the examination of this application is provided on the attached Form PTO/SB/08. Documents 1 to 34, listed on the attached Form 1449 are U.S. and foreign patent and pertinent articles that may be relevant to the examination of the present application. Copies of Documents 1 to 36 are bound and enclosed herewith.

Documents for which the supplied date of publication lists the year of publication without the month were published sufficiently earlier than the effective U.S. filing date and any foreign priority date, so that the particular month of publication is not in issue. Pursuant to §609 of the MPEP, it is understood

that the month of publication is not required when the particular month of publication is not in issue.

No inferences should be drawn that the attached list represents a comprehensive investigation, or that any material disclosed is equivalent to the subject invention. In addition, none of the documents that have publication dates prior to the priority date of the above application anticipate the invention in this application.

The cited documents disclose numerous specific features. There has been no attempt to list each and every feature disclosed by each document. The Examiner is requested to review the documents and determine the extent of the materiality of the document disclosures with respect to the present invention.

The discussion of any art and the citation of any document herein is not to be construed as an admission that the art or document disclosure is necessarily within the invention field of endeavor, that the art or document disclosure is necessarily prior in time to a particular date which may be relevant to the instant patent application, and/or that the art or document disclosure is otherwise necessarily prior art as defined by the patent law with respect to the instant invention and application.

Also, there is reserved the right to later set forth how the instant invention is distinguished over the disclosure of any

document or other art, including the disclosures of the art and documents recited herein, that may be cited by the Examiner in rejecting a claim in the instant patent application.

The recitation herein of the art and documents is not to be construed as an assertion that more pertinent art could not possibly be in existence.

Respectfully submitted,

By Gerald T. Shekleton  
Gerald T. Shekleton, Reg. No. 27,466

Enclosures:

Form PTO/SB/08  
One Bound Volumes of Art 1 to 34  
Return Postcard

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CERTIFICATE OF MAILING

I hereby certify that this Information Disclosure Statement, together with the stated enclosures, is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on March 14, 2007.

Carol T. Shultz

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 3

### Complete if Known

10/24/2001 W&K Substitute for Form PTO-SB/08A, which is a US PTO Substitute for form 1449A/PTO and 1449B/PTO		Application Number	10/531,086
		Filing Date	June 21, 2005
		First Named Inventor	Gunning et al.
		Art Unit	1624
		Examiner Name	Not Yet Assigned
		Attorney Docket Number	8617/94090

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
1	3,875,195				
2	6,150,336				
3	5,703,052				
4	5,807,834				
5	5,939,398				

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
6	WO-99/48482					
7	WO-99/48507					
8	WO-01/49703					
9	WO-02/079221					
10	WO-01/23406					
11	WO-98/07741					
12	WO 02079221A					

### OTHER ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
13	Helv. Chim. Acta. 66(1983) 192-217		
14	Brown et al. J. Am. Chem. Soc. 94 (1972) 7159-7161		
15	Steroids 45 (1985) 39-51		
16	J. Chem. Soc. Commun. (1982) 1239-1240		
17	Tetrahedron 40 (1984) 851-854		

Examiner Signature	Date Considered
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		Application Number	10/531,086
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		First Named Inventor	Gunning et al.
		Art Unit	1624
Examiner Name	Not Yet Assigned		
Attorney Docket Number 8617/94090			

18	Tetrahedron <b>45</b> (1989) 3717-3730
19	Marker et al. J. Am. Chem. Soc. <b>62</b> (1940) 2525
20	Marker, R.E. et al. 'Sterols. LVI. Sarsasapogenin derivatives. Epi-sarsasapogenin' J. Am. Chem. Soc. <b>61</b> (1939) 943-944
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23	Lajis Nordin, H. et al. 'Epi-sarsasapogenin and epi-smilagenin: Two sapogenins isolated from the rumen content of sheep intoxicated by Brachiaria decumbens' Steroids <b>58</b> 8 (1993) 387-389
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26	Rouessac et al. 'Une voie d'accès à la trimethyl-4, 4, 7a-tetrahydro-3a.alpha.,4,7,7a.alpha.(3H)-benzofuranone-2 a partir des alcoxy-5 tri-methyl-4, 4, 7a-hexhydro 3a.alpha.,4,5,6,7a.alpha.(3H)-benzofuranones-2' Bulletin de la Société Chimique de France <b>2</b> 5-6(1981) 199-203
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28	Morita, K. 'Studies on the Sapogenins of Dioscorea tokoto Makino. III. The Structure of Tokorogenin' Bulletin of the Chemical Society of Japan <b>32</b> 8(1959) 791-795
29	Chang, F.C. et al. 'Acylamides as Epimerization Reagents' J. Am. Chem. Soc. <b>80</b> (1958) 2906
30	Drogemuler, Michael et al. 'Steroidal pyrazines, synthetic advances and biological activity' Proceedings of ECSOC-2: The second international electronic conference on synthetic organic chemistry <b>1999</b> (1999) 209-225

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<p>Sheet</p>		3	of	3	Attorney Docket Number	8617/94090
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